

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Develop an Electricity Integrated Resource Planning Framework and to Coordinate and Refine Long-Term Procurement Planning Requirements.

Rulemaking 16-02-007 (Filed February 11, 2016)

SUBMISSION OF FINAL REPORT OF THE GRID INTEGRATION FLEXIBILITY METRICS AND STANDARDS PROJECT

WILLIAM V. MANHEIM MATTHEW A. FOGELSON

E-Mail:

Pacific Gas and Electric Company 77 Beale Street, B30A San Francisco, CA 94105 Telephone: (415) 973-7475 Facsimile: (415) 973-5520

Attorneys for PACIFIC GAS AND ELECTRIC COMPANY

MAFV@pge.com

Dated: September 12, 2017

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The California Energy System for the 21st Century (CES-21) Program is a collaborative research and development effort between the three California investor owned utilities – Pacific Gas and Electric Company (PG&E), Southern California Edison Company (SCE), and San Diego Gas & Electric Company (SDG&E) – and the Lawrence Livermore National Laboratory (LLNL). The CES-21 Program was approved by the California Public Utilities Commission on October 2, 2014 by Resolution E-4677. As part of the CES-21 Program, the Grid Integration Flexibility Metrics and Standards project (Project) was conceived to examine the flexibility needs of the California Independent System Operator System, and to recommend, if appropriate, generation planning metrics and standards that explicitly consider the operating flexibility needs of the electric system.

Per Ordering Paragraph 3e of Resolution E-4677, the parties to the Project (PG&E, SDG&E, LLNL, Electric Power Research Institute and Astrape Consulting) were ordered to publish a final report with findings and recommendations and make the report publicly available to all parties through the Long-Term Procurement Planning proceeding. Attachment A to this pleading contains the required final report, entitled "Role of Operating Flexibility in Planning Studies"

Respectfully submitted,
WILLIAM V. MANHEIM
MATTHEW A. FOGLESON

By: <u>/s/ Matthew A. Fogelson</u>
MATTHEW A. FOGELSON

Pacific Gas and Electric Company 77 Beale Street, B30A San Francisco, CA 94105

Telephone: (415) 973-7475 Facsimile: (415) 973-5520 E-Mail: MAFV@pge.com

Attorneys for

PACIFIC GAS AND ELECTRIC COMPANY

ATTACHMENT A